

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	60/470,702
		Filing Date	May 15, 2003
		First Named Inventor	JIA, Tiandong
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
Sheet 1 of 1	Attorney Docket Number	4316/045	

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)			C-S	
RPS	1.	US- 2,988,045	06/13/1961	FISHER, Stanton	- -	
	2.	US- 4,857,333	08/15/1989	HAROLD, Robert	- -	
	3.	US- 3,368,528	02/13/1968	GANOE, Leo	- -	
	4.	US- 5,467,741	11/21/1995	O'ROURKE, Anthony	- -	
	5.	US- 5,673,653	10/07/1997	SHERILL, Les	- -	
	6.	US- 6,044,800	04/04/2000	KUBO, Michiyo	- -	
	7.	US- 6,250,254	06/26/2001	WEINACKER, Charles	- -	
	8.	US- 6,277,420	08/21/2001	ANDERSEN et al.	- -	
	9.	US- 2002/0142091	10/03/2002	ZHU, Zhao-Chong	- -	
	10.	US- 6,033,715	03/07/2000	LYNCH, Donald	- -	
	11.	US- 4,126,705	11/21/1978	HAIT, Paul	- -	
RPS	12.	US- 5,618,218	04/08/1997	STOOKEY, George	- -	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

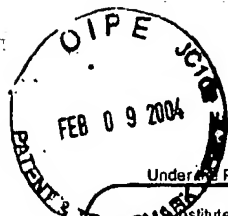
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	1.	WO 01/33972 A1	05/17/2001	MARTINS, Laudir		
	2.	CA 02253994	11/12/1998	LYNCH, Donald		
RPS	3.	GB 2258600 A	02/17/1993	CHIKAZAWA, Osam		

Examiner Signature	Robert P. Swiatek	Date Considered	5-21-04
--------------------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/758,962
Filing Date	January 16, 2004
First Named Inventor	JIA, Tiandong
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	4316/045

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
RPS	1.	US- 2,003,958	06/04/1935	SALISBURY, Moses	- -	
	2.	US- 2,185,547	01/0/1940	FOWLER, John	- -	
	3.	US- 3,882,257	05/06/1975	CAGLE, Douglas	- -	
	4.	US- 3,899,607	08/12/607	MILLER et al.	- -	
	5.	US- 4,032,665	06/28/1977	MILLER et al.	- -	
	6.	US- 4,126,705	11/21/1978	HAIT, Paul	- -	
	7.	US- 4,163,804	08/07/1979	MEYER et al.	- -	
	8.	US- 4,239,785	12/16/1980	ROTH, Eldon	- -	
	9.	US- 4,260,635	04/07/1981	FISHER, Stanton	- -	
	10.	US- 4,364,925	12/21/1982	FISHER, Stanton	- -	
	11.	US- 4,366,175	12/28/1982	BROWN et al.	- -	
	12.	US- 4,454,163	06/12/1984	GELLMAN et al.	- -	
	13.	US- 4,513,014	04/23/1985	EDWARDS, Philip	- -	
	14.	US- 4,508,741	04/02/1985	CORBETT, Colin	- -	
	15.	US- 4,534,990 989	08/13/1985	GELLMAN et al.	- -	
	16.	US- 4,546,001	10/08/1985	GELLMAN et al.	- -	
	17.	US- 4,557,219	12/10/1985	EDWARDS, Philip	- -	
RPS	18.	US- 4,674,444	06/23/1987	AXELROD, Herbert	- -	
	19.	US- 4,681,758	07/21/1987	FRUTHALER et al.	- -	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
RPS	1.	11127796 A	05/18/1999	SABURO et al.		
RPS	2.	WO 01/50882 A2	07/19/2001	CUPP et al.		
RPS	3.	GB 2258600 A	2/17/1993	CHIKAZAWA, O.		
RPS	4.	EP 0838153 A1	04/29/1998	AXELROD, Glen		
RPS	5.	DE 3918631	12/13/1990	JOACHIM, Merkert		
RPS	6.	EP 1151674	11/07/2001	DIETER, Jericho		

Examiner
Signature

Robert P. Swiatek

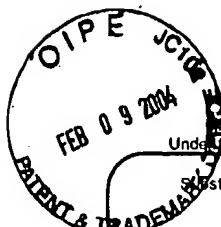
Date
Considered

5-21-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 4**Complete if Known**

Application Number	10/758,962
Filing Date	January 16, 2004
First Named Inventor	JIA, Tiandong
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	4316/045

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
RPS	20	US- 4,743,461	05/10/1988	GELLMAN et al.	- -	
	21	US- 4,743,459	05/10/1988	GELLMAN et al.	- -	
	22	US- 4,738,864	04/19/1988	ERBSTER, Michael	- -	
	23	US- 4,743,460	05/10/1988	GELLMAN et al.	- -	
	24	US- 4,763,604	08/16/1988	MEEKINS, Victoria	- -	
	25	US- 4,771,733	09/20/1988	AXELROD, Herbert	- -	
	26	US- 4,800,099	01/24/1989	GELLMAN et al.	- -	
	27	US- 4,880,642	11/14/1989	BERENDS, Jos	- -	
	28	US- 4,822,626	04/18/1989	SPANIER et al.	- -	
	29	US- 4,851,249	07/25/1989	HAMANO, Hiroyuki	- -	
	30	US- 4,868,002	09/19/1989	SCAGLIONE et al.	- -	
	31	US- 4,886,440	12/12/1989	FORREST, Alexander	- -	
	32	US- 4,892,748	01/09/1990	ANDERSON et al.	- -	
	33	US- 4,997,671	03/05/1991	SPANIER, Henry	- -	
	34	US- 5,000,943	03/19/1991	SCAGLIONE et al.	- -	
	35	US- 5,897,893	04/27/1999	MOHILEF, David	- -	
	36	US- 5,026,572	06/25/1991	NEIBERGER, Denny	- -	
	37	US- 5,045,339	09/03/1991	DUCHARME, Cyril	- -	
RPS	38	US- 5,149,550	09/22/1992	MOHILEF, David	- -	

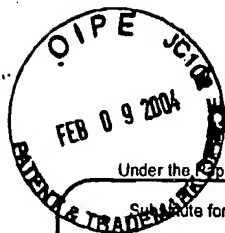
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RPS	7.	05-304899	11/19/1993	AXELROD, H.		
RPS	8.	05-192095	08/03/1993	CHIKAZAWA, O.		
RPS	9.	EP 0 769 565 A1	09/24/1997	BARBIEUX, Serge		

Examiner Signature	Robert P. Swistak	Date Considered	5-21-04
-----------------------	-------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submit for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 4

Complete if Known

Application Number	10/758,962
Filing Date	January 16, 2004
First Named Inventor	JIA, Tiandong
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	4316/045

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
RPS	39	US- 5,200,212	04/06/1993	AXELROD, Herbert	- -	
	40	US- 5,215,038	06/01/1993	O'ROURKE, Anthony	- -	
	41	US- 5,240,720	08/31/1993	AXELROD, Herbert	- -	
	42	US- 5,339,771	08/23/1994	AXELROD, Herbert	- -	
	43	US- 5,407,661	04/18/1995	SIMONE et al.	- -	
	44	US- 5,419,283	05/30/1995	LEO, Franca	- -	
	45	US- 5,467,741	11/21/1995	O'ROURKE, Anthony	- -	
	46	US- 5,467,069 5,476,069	12/19/1995	AXELROD, Herbert	- -	
	47	US- 5,532,010	07/02/1996	SPANIER et al.	- -	
	48	US- 5,560,320	10/01/1996	PLUNK, Kenneth	- -	
	49	US- 5,635,237	06/03/1997	GREENBERG et al.	- -	
	50	US- 5,711,254	01/27/1998	O'ROURKE, Anthony	- -	
	51	US- 5,750,196	05/12/1998	WELCH, James	- -	
	52	US- 5,832,877	11/10/1998	MARKHAM, Joseph	- -	
	53	US- 5,894,029	04/13/1999	BROWN et al.	- -	
	54	US- 5,912,285	06/15/1999	GODSEY, Samuel	- -	
	55	US- 5,939,112	08/17/1999	KATAYAMA et al.	- -	
	56	US- 5,941,197	08/24/1999	AXELROD, Glen	- -	
RPS	57	US- 5,947,060	09/07/1999	WEINACKER, Charles	- -	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Robert P. Swiatek

Date
Considered

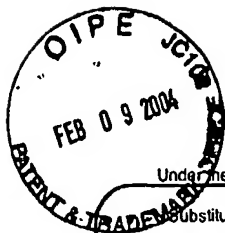
5-21-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

5,476,069



PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 4

Complete if Known

Application Number	10/758,962
Filing Date	January 16, 2004
First Named Inventor	JIA, Tiandong
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	4316/045

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)			C-S	
RPS	58	US- 6,033,715	03/07/2000	LYNCH, Donald	- -	
	59	US- 6,042,873	03/28/2000	LAWSON, Richard	- -	
	60	US- 6,044,800	04/04/2000	KUBO et al.	- -	
	61	US- 6,060,100	05/09/2000	KOLLER, Thomas	- -	
	62	US- 6,093,427	07/25/2000	AXELROD, Glen	- -	
	63	US- 6,129,053	10/10/2000	MARKHAM et al.	- -	
	64	US- 6,165,474	12/26/2000	FRUDAKIS et al.	- -	
	65	US- 6,200,616	03/13/2001	AXELROD, Glen	- -	
	66	US- 6,202,598	03/20/2001	WILLINGER, Jonathan	- -	
	67	US- 6,238,715	05/29/2001	BAIKIE, Robert	- -	
	68	US- 6,250,254	06/26/2001	WEINACKER, Charles	- -	
	69	US- 6,274,182	08/14/2001	AXELROD et al.	- -	
	70	US- 6,277,420	08/21/2001	ANDERSON et al.	- -	
	71	US- 6,379,725	04/30/2002	WANG et al.	- -	
RPS	72	US- 6,444,243	09/03/2002	DUENSING et al.	- -	
	73	US- 6,455,083	09/24/2002	WANG, Shu Huan	- -	
	74	US- 2002/0119224	08/29/2002	AXELROD et al.	- -	
	75	US- 2002/0142091	10/03/2002	ZHU, Zhao-Chong	- -	
		US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)					

Examiner Signature	Robert P. Swiatek	Date Considered	5-21-04
--------------------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.